

DaimlerChrysler AG

Patent Claims

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1. A safety system (1) for operating at least one electrically operated locking device (2 to 4) of a door (6, 7, 8) of a vehicle, characterized in that an electric opening blockage of the locking device (2 to 4) is dependent on sensor values which are related to the driving situation and indicate an impact.

2. The safety system (1) as claimed in claim 1, characterized in that the door (6, 7, 8) of the vehicle is a tailgate (7) or a rear door (8) of the vehicle.

3. The safety system (1) as claimed in claim 1, characterized in that the electric opening blockage as a function of a seat being occupied can be activated only for the locking devices (2 to 4) of those doors (6, 7, 8) which are adjacent to the occupant.

4. The safety system (1) as claimed in claim 1, characterized in that the electric opening blockage as a function of a hazardous situation can be activated only for the locking devices (2 to 4) of those doors (6, 7, 8) which are to be regarded as relevant to the safety of the occupants in the hazardous situation.

5. The safety system (1) as claimed in claim 1, characterized in that, in the case of an impact-induced opening blockage, this state is maintained for a period of time.

6. The safety system (1) as claimed in claim 1, characterized in that the electric opening blockage of the locking device (2 to 4) takes place as a function of the sensor values of a crash sensor (13).